

Monday

8:00 am	Introductions
9:00 am	Basic Concerns: AP Exam Basics Constructing a Syllabus
10:00 am	Break
10:15 am	Interactive Lecture: Teaching about Mechanics Ranking Tasks and Other TIPERs
12:00 pm	Lunch
1:00 pm	Labs: Projectile Motion Lab Interrupted Pendulum Hot Wheels Lab
2:30 pm	Break
2:45 pm	Group Work: AP Problems on Mechanics

Tuesday

8:00 am	Review of Homework Problems
8:45 am	Discussion: WebAssign and Homework
10:15 am	Break
10:30 am	Interactive Lecture: Teaching about Electrostatics and Circuits
12:00 pm	Lunch
1:00 pm	Labs: Series and Parallel Circuits Ohm's Law Diffraction Lab
2:30 pm	Break
2:45 pm	Group Work: AP Problems on Circuits

Wednesday

8:00 am	Discussion of Homework
8:30 am	Grading: Using the Rubrics The AP Reading Grading Free-Response Problems
10:00 am	Break
10:15 am	Interactive Lecture: Waves and Optics
12:00 pm	Lunch
1:00 pm	Labs: Convex Lenses Lab Speed of Sound in Air Lab Standing Wave on a String Lab
2:30 pm	Break
2:45 pm	Group Problem Solving: Modern Physics Questions

Thursday

8:00 am	Discussion of Homework
8:30 am	On-line Labs with Java Applets (Computer Lab) - Spring Lab - Gravity Lab - Circuit Lab
10:15 am	Break
10:30 am	Interactive Lecture: Thermodynamics
12:00 pm	Lunch
1:00 pm	Participant Sharing: Demonstrations and Labs
3:00 pm	Break
3:15 pm	Evaluations and Wrap-up

Silver State AP Summer Institute

AP Physics B

Schedule/Syllabus

